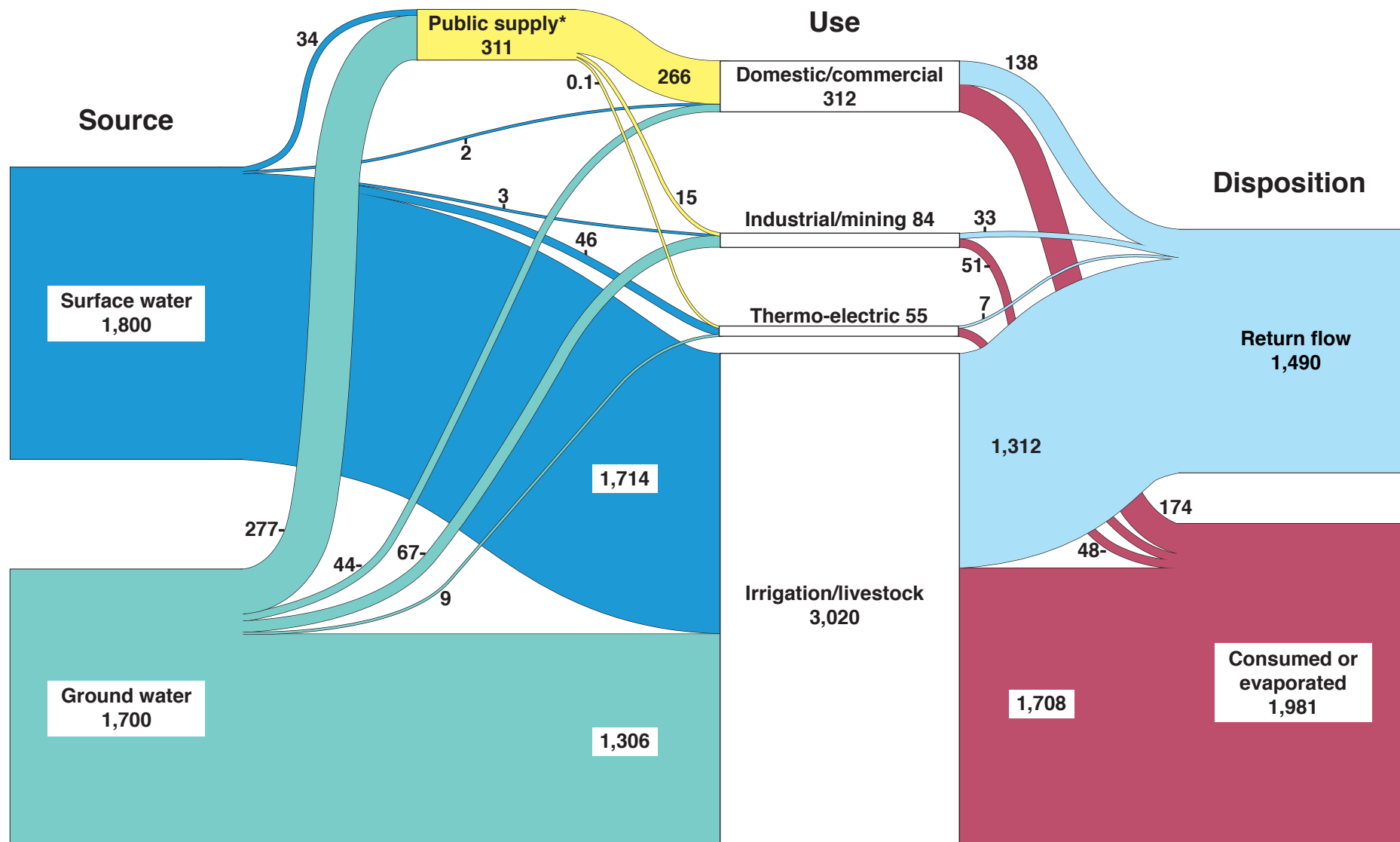


Estimated New Mexico Freshwater Flow in 1995: ~3,500 Mgal/day



Source: U.S. Geological Survey, Publication 1998-064214.

*Difference between input and output of ~30 Mgal/day for public use and losses.

Lawrence Livermore National Laboratory, August 2003

Explanation of Chart Showing Estimated New Mexico Freshwater Flow in 1995

Source of Data

The data shown in this chart was taken from a U.S. Geological Survey publication, and the references below are all to that publication:

Wayne B. Solley, Robert R. Pierce, and Howard A. Perlman. *Estimated Use of Water in the United States in 1995*. Circular 1200. GeoRef ID 1998-064214. Reston, VA: U.S. Geological Survey, 1998.

Data for the New Mexico chart came from Table 2 (p. 9); Table 4 (p. 11), Table 6 (p. 13), Table 8 (p. 15), Table 10 (p. 23), Table 12 (p. 27), Table 14 (p. 31), Table 16 (p. 35), Table 18 (p. 39), Table 20 (p. 43), Table 22 (p. 47), Table 24 (p. 51), and Table 26 (p. 53).

This chart shows freshwater flow only. The water-use categories shown in the chart are for “offstream use” only. According to the USGS, instream use—such as for hydroelectric power generation—does not divert or withdraw water from the surface or ground-water sources (p. 5).

Data is given in million gallons per day (Mgal/day.)

Definition of Terms

The categories shown on this chart are defined by USGS in a glossary (pp. viii–ix). A few of these definitions are briefly quoted here.

- ***Consumed or evaporated:*** “that part of water withdrawn that is evaporated, transpired, incorporated into products or crops, consumed by humans or livestock, or otherwise removed from the immediate water environment.”
- ***Freshwater:*** “water that contains less than 1,000 parts per million of dissolved solids.”
- ***Ground water:*** “subsurface water.”
- ***Public supply:*** “water withdrawn by public and private suppliers and delivered to users.”
- ***Return flow:*** “water that reaches a ground- or surface-water source after release from point of use and thus becomes available for further use.”
- ***Surface water:*** “an open body of water, such as a stream or a lake.”
- ***Thermoelectric power water use:*** “water used in the process of generation of thermal electric power.”